

Best Local Similarity 46.0%; Pred. No. 0.00013;
Matches 169; Conservative 0; Mismatches 198; Indels 0; Gaps 0;

```
OY 2238 CCACGGCTGGGCTGCTGCGCCGCTCCATCCATCATATTGGCATGACCGCCATCAT 2297
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 315 CCATGGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 316
OY 2298 TGGGACCTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2357
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 315 CGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 256
OY 2358 TGTTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC 2417
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 255 CGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC 196
OY 2418 CCAGATGATATGACAGACGCTCCATTGGCAACGTGACGCGGACGACGCGCTCATAT 2477
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 195 CGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC 136
OY 2478 CTTCCTGGGACATGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2537
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 135 CGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC 76
OY 2538 GGAGTTCACAGCTGTCGCGCGGACACTGGCTTCCTCCGTCACCCCTTCACCATCTTTC 2597
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 75 CGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC 16
OY 2598 ATTTCGTC 2604
      ||| |||
DB 15 CGTCGTC 9
```

RESULT 4

```
US-09-103-840A-2/c
; Sequence 2, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007 00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 4403765
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; OTHER INFORMATION: CDC 1551
; OTHER INFORMATION: "a" bases at various positions throughout the sequence
; OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2
```

Query Match 1.6%; Score 44.2; DB 4; Length 4403765;
Best Local Similarity 46.3%; Pred. No. 1.4;
Matches 145; Conservative 0; Mismatches 168; Indels 0; Gaps 0;

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OY 2213 CCTGTGTGCCCCACAGAGTACTGCCAGGCTGGGCTGCTGCTGCTGCTGCTGCTGCTGCT 2272
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3929402 CCTCCCTTACCGCCCTTCCCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 3929343
OY 2273 TCATTGGCAATGTCACCGCATCATGCGGACCTGCGCTGCGCACTTCGCTGACCATTTG 2332
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3929342 GCGCGCGCGCGCTTCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 3929283
OY 2333 GTCCTCAAGATTCAGTCACAGCTGTTGTTTCGTGGCAATTTGGCACTCTGTGCCAGATA 2392
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3929282 CTCGCCAGCGCTGTGCTTCCGTTCTGCGCGCTACACACGCGCGCGCGCGCGCGG 3929223
```

```
OY 2393 CGTTTCAGCAAGCTGTCGCCCTCCAGATGATATGACAGACGCTCCATTTGCAACG 2452
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3929222 CCGCCGCGCGCGCTGATGCTCCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCT 3929163
OY 2453 TGAACGGGAGCAACCGCTCAATGCTTCCTGGCATCGGCTGCGCTGCGTGGCGG 2512
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3929162 TGGCGCGCGCGGACCGCTGCGCGCTTGGAGAGAGCGCGCGCTGCTCCGCGCGCG 3929103
OY 2513 CCATCTACTGGCG 2525
      ||| ||| |||
DB 3929102 TCGCGCGCGCGCGC 3929090
```

RESULT 5

```
US-09-034-985-1
; Sequence 1, Application US/09034985
; Patent No. 6043052
; GENERAL INFORMATION:
; APPLICANT: LANE, PAMELA
; APPLICANT: TSUI, PING
; APPLICANT: ELISHOURBAGY, NABIL
; TITLE OF INVENTION: HUMAN G-PROTEIN COUPLED RECEPTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RATHER & PRESTIA
; STREET: P.O. BOX 980
; CITY: VALLEY FORGE
; STATE: PA
; COUNTRY: USA
; ZIP: 19482
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/034,985
; FILING DATE: 04-MAR-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: PRESTIA, PAUL F
; REGISTRATION NUMBER: 23,031
; REFERENCE/DOCKET NUMBER: GP-70412
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-407-0700
; TELEFAX: 610-407-0701
; TELEX: 846169
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1174 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-034-985-1
```

Query Match 1.5%; Score 40.2; DB 3; Length 1174;
Best Local Similarity 53.5%; Pred. No. 0.18; Matches 73; Indels 0; Gaps 0;

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OY 2563 CTGGCTTCCTCCGACCTCTTACACATCTTGTGATTTGTGTCATGACGCTGCTCTTG 2622
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 703 CTACCTTCGTGTGCGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 762
OY 2623 TACCGAAGCGCGCGACCTGCGGAGGAGCTTGTGGCCCGCGCGCGCGCGCGCGCGCG 2682
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 763 CTGCGAGCGCGCGCGACGCTGCGGCGCGCGAGGAGAACTCGCTGCGCATCTTCGCGC 822
```

Oy 2683 ACAACATGGCTTTGTGACGCTGTGGCTCCTTACA 2719
+ | | | | | | | | | | | | | | | | | | | | | |
Db 823 ATCAGAGCAGCTTTGTGGGCTCCTGGCTGCCCTTCA 859

RESULT 6

US-09-221-017B-993
; Sequence 993, Application US/09221017B
; Patent No. 6444799
; GENERAL INFORMATION:

APPLICANT: Ross, Bruce C.

TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF

NUMBER OF SEQUENCES: 1120

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 755 PAGE MILL ROAD

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows

SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/221,017B

FILING DATE: 23-DEC-1998

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PP1182

FILING DATE: 31-DEC-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PP1546

FILING DATE: 30-JAN-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PP2911

FILING DATE: 09-APR-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/AU98/01023

FILING DATE: 10-DEC-1998

ATTORNEY/AGENT INFORMATION:

NAME: Monroy, Gladys H.

REGISTRATION NUMBER: 32,430

REFERENCE/DOCKET NUMBER: 27340-20021.00

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-813-5600

TELEFAX: 650-494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 993:

SEQUENCE CHARACTERISTICS:

LENGTH: 3431 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: UNKNOWN

ORIGINAL SOURCE:

ORGANISM: PORPHYROMONAS GINGIVALIS

FEATURE:

NAME/KEY: misc_feature

LOCATION: 1...3431

US-09-221-017B-993

Query Match 1.48; Score 39.6; DB 4; Length 3431;

Best Local Similarity 51.8%; Pred. No. 0.48;

Matches 114; Conservative 0; Mismatches 104; Indels 2; Gaps 1;

Oy 2297 TTGGGACCTGCGCTCGACTTCGCGTGCACCATTTGCTCAAGATTCATCAGCTG 2356
+ | | | | | | | | | | | | | | | | | | | | | |
Db 1040 TCGTGACATGACAGTATGCTTCGCGGACGATGGAGTAAGCAATCGGTGTGCGCA 1099

Oy 2357 TTGTTTCGTGACATTTGGACACTGTGTCAGATAGTTTGCAGGAAGCTGCTCCC 2416
+ | | | | | | | | | | | | | | | | | | | | | |
Db 1100 TCACATCGTATGACAGAGAACTTCCTCCCGAATTTGTACACACTTATAGCTGGCA 1159
Oy 2417 TCCAGATGATATGACAGAGCTTCATTTGGCAAGTACGGGACGACCACTCATG 2476
+ | | | | | | | | | | | | | | | | | | | | | |
Db 1160 TCAAGAAAG--CGTCGGGGCATGCGCATCGCAATATGATGTAGTAACTTCATCAACA 1217
Oy 2477 TCTTCGTGGGACGCGCTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2516
+ | | | | | | | | | | | | | | | | | | | | | |
Db 1218 TCTGCTCATCTCGAGTACGTTGCTCATCAGCCCAT 1257

RESULT 7

US-09-249-585A-4
; Sequence 4, Application US/09249585A
; Patent No. 6417002
; GENERAL INFORMATION:

APPLICANT: Horlick, Robert

TITLE OF INVENTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISODES

FILE REFERENCE: 0867/0D905

CURRENT APPLICATION NUMBER: US/09/249,585A

CURRENT FILING DATE: 1999-02-11

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4

LENGTH: 1926

TYPE: DNA

ORGANISM: Epstein Barr Virus

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(1926)

OTHER INFORMATION: template strand of EBNA-1 DNA

US-09-249-585A-4

Query Match 1.48; Score 39; DB 4; Length 1926;

Best Local Similarity 44.2%; Pred. No. 0.51;

Matches 208; Conservative 0; Mismatches 260; Indels 3; Gaps 1;

Oy 2172 CGTATGACACTTCTGACTGCTTCTGGAAGTCTGTTTCCCTGCTGCCCCACAGA 2231
+ | | | | | | | | | | | | | | | | | | | | | |
Db 550 CGTCTGCTGCTCTCTCCCGCTCCCGCTCCCGCTCCCGCTCTCTCTCTCTCTCTCT 609
Oy 2232 GTACTGCACGCGCTGCGCTCTGCGCTCCATCCATCCATTCATTTGGATGCTACCGC 2291
+ | | | | | | | | | | | | | | | | | | | | | |
Db 610 CGTCTCCCGCTCTCCCGCTCCCGCTCCCGCTCTCTCTCTCTCTCTCTCTCTCTCT 669
Oy 2292 CATCATTTGGGACCTGCGCTCGCACTTGGCTGCACATTTGCTCAAAAGTTAGTCAC 2351
+ | | | | | | | | | | | | | | | | | | | | | |
Db 670 CGTCTCCCGCTCTCTCCCGCTCCCGCTCCCGCTCTCTCTCTCTCTCTCTCTCTCT 729
Oy 2352 AGCTGTGTTTGTGGGATTTGGACCTGTCGCCAGATACGTTTGCAGCAAGCTGCG 2411
+ | | | | | | | | | | | | | | | | | | | | | |
Db 730 CCCCCTGCTGCTCTCC--CGTCTCCCGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 786
Oy 2412 TGCCCTCAGAGTATATGACAGAGCTCCATTTGGCAAGTGAAGGCAAGCAAGCGCT 2471
+ | | | | | | | | | | | | | | | | | | | | | |
Db 787 CGTCTCCCGCTCTCTCCCGCTCCCGCTCCCGCTCTCTCTCTCTCTCTCTCTCTCTCT 846
Oy 2472 CAATGCTTCTGCGGATGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCTGCGCA 2531
+ | | | | | | | | | | | | | | | | | | | | | |
Db 847 CCCCCTGCTCCCGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 906
Oy 2532 GGGACAGAGTTCACAGTGTGCGCGGCGGACACATGCGCTTCTCCGTACACCTCTACACAT 2591
+ | | | | | | | | | | | | | | | | | | | | | |
Db 907 CGTCTGCTGCTCCCGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 966
Oy 2592 CTTTGCATTTGTCTGCAATACAGCGCTCTTGTACGAAGGCGCGGACCT 2642
+ | | | | | | | | | | | | | | | | | | | | | |
Db 967 CCGTCTCTCAGCTCCGGGCCAGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1017

RESULT 8

US-09-130-114-2
; Sequence 2, Application US/09130114
; Patent No. 5976807
; GENERAL INFORMATION:
; APPLICANT: Horlick, Robert A.
; APPLICANT: Damaj, Bassam B.
; APPLICANT: Robbins, Alan K.
; TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes
; TITLE OF INVENTION: From Multiple Transfected Episomes
; FILE REFERENCE: 0867/1D903U51
; CURRENT APPLICATION NUMBER: US/09/130,114
; CURRENT FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 1931
; TYPE: DNA
; ORGANISM: EBNA
US-09-130-114-2

Query Match 1.4%; Score 39; DB 2; Length 1931;
Best Local Similarity 44.2%; Pred. No. 0.51;
Matches 208; Conservative 0; Mismatches 260; Indels 3; Gaps 1;

OY 2172 CGTCATGACACTGCTGACTGTCTTCTGGAAGTGTGTTGCTGTGCGCCCGACAGA 2231
DB 550 CGTCCCTCGCTCTCTCCCTGCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCT 609
OY 2232 GATACGACAGGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2291
DB 610 CGTCCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 669
OY 2292 CATCATGAGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2351
DB 670 CGTCCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 729
OY 2352 AGCTGTTGTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2411
DB 730 CGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 786
OY 2412 TGCCTCCAGAGTATATATGACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2471
DB 787 CGTCCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 846
OY 2472 CAATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2531
DB 847 CCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 906
OY 2532 GGGACAGAGTTCACAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2591
DB 907 CGTCCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 966
OY 2592 CTTTGCAATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2642
DB 967 CCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1017

RESULT 9
US-08-762-106-5/c
; Sequence 5, Application US/08762106
; Patent No. 5948677
; GENERAL INFORMATION:
; APPLICANT: Jarvik, Jonathan W.
; TITLE OF INVENTION: READING FRAME INDEPENDENT EPILOPE
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harris Brotman
; STREET: 202 Coast Blvd., Suite 111
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,106
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brotman, Harris F.
; REGISTRATION NUMBER: 35,461
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 654-2428
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1548 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-762-106-5

Query Match 1.4%; Score 38.6; DB 2; Length 1548;
Best Local Similarity 52.9%; Pred. No. 0.59;
Matches 83; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

OY 2436 CGCCTCATTTGGACAGTACAGGAGGACAGAGCGGCAATGCTTCTGGGATCGGCT 2495
DB 1053 CACCGCTTCAGAGTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 994
OY 2496 GGCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2555
DB 993 GGCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 934
OY 2556 CGGACACAGTGGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2592
DB 933 CAGCGCGCGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 897

RESULT 10
US-09-320-774-5/c
; Sequence 5, Application US/09320774
; Patent No. 6265345
; GENERAL INFORMATION:
; APPLICANT: Jarvik, Jonathan W.
; TITLE OF INVENTION: READING FRAME INDEPENDENT EPILOPE
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harris Brotman
; STREET: 202 Coast Blvd., Suite 111
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/320,774
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/762,106
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brotman, Harris F.
; REGISTRATION NUMBER: 35,461


```

Query Match          1.48; Score 38.4; DB 4; Length 2777;
Best Local Similarity 49.0%; Pred. No. 0.94;
Matches 102; Conservative 0; Mismatches 106; Indels 0; Gaps 0;

OY 1303 ACAAGAGATGTTCTTCGCAATGCAGGGGCGCTGACTATGATGCACAGAGGCACGGTGTT 1362
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 280 ACAGAGCCTTGCTTCAGCCACAGAGGGGTGGGGAGGTGCCCTCGCTGAGGCTC 221
OY 1363 CTGAAGCCAGGAGAGACCAGAGAGGATCTCCGTCGGCATTAATGATGACACATTTT 1422
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 220 CTGGGGGCCACAGATCAGGCCACAGACAGATCAGAGACCGTGAGATGGGGTCAATGGCGTT 161
OY 1423 GAGGAGATGAAACACTTCTTTGTAAAGTTGAGCAATGTCCGATGAGAGAGAGAGCCCA 1482
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 160 CCTCCCACTGCCCTGCTCTGTGATGATGAGCCCTCGTGATGAGCATGGACGTCTCCCTCA 101
OY 1483 GAGGAGGGATGCCCTCCAGCAATATTC 1510
      || ||||| || ||||| || ||||| ||
Db 100 GCCCTGAGATGCTTCAGGAGAGACCCA 73

RESULT 14
US-08-842-248A-3/c
: Sequence 3, Application US/08842248A
: Patent No. 6448035
: GENERAL INFORMATION:
: APPLICANT: Cosman, David J.
: TITLE OF INVENTION: Family of Immunoregulators Designated
: TITLE OF INVENTION: Leukocyte Immunoglobulin-Like Receptors (LIR)
: NUMBER OF SEQUENCES: 29
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Janis C. Henry, Immunex Corporation
: STREET: 51 University Street
: CITY: Seattle
: STATE: WA
: COUNTRY: US
: ZIP: 98101
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM/PC Compatible
: OPERATING SYSTEM: Microsoft Word 7.0
: SOFTWARE: Patent Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/842.248A

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Query Match	1.48;	Score 38.4;	DB 4;	Length 2777;
Best Local Similarity	49.08;	Pred. No. 0.94;		
Matches 102; Conservative	0;	Mismatches 106;	Indels 0;	Gaps 0;

RESULT 15
US-09-428-517-1
; Sequence 1, Application US/09428517

```

1  APPLICANT: Betlach, Mary C.
2  APPLICANT: Shah, Sanjay Krishnakant
3  APPLICANT: McDaniel, Robert
4  APPLICANT: Tang, Li
5  TITLE OF INVENTION: RECOMBINANT OLEANDROLIDE POLYKETIDE SYNTHASE
6  FILE REFERENCE: 30062-20029.00
7  CURRENT APPLICATION NUMBER: US/09/428,517
8  CURRENT FILING DATE: 1999-10-28
9  EARLIER APPLICATION NUMBER: 60/120,254
10 EARLIER FILING DATE: 1999-02-16
11 EARLIER APPLICATION NUMBER: 60/106,100
12 EARLIER FILING DATE: 1998-10-29
13 NUMBER OF SEQ ID NOS: 12
14 SOFTWARE: Patentln Ver. 2.1
15 SEQ ID NO 1
16 LENGTH: 50937
17 TYPE: DNA
18 ORGANISM: Artificial Sequence
19 FEATURE:
20 OTHER INFORMATION: Description of Artificial Sequence: Recombinant DNA
21 US-09-428-517-1

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[illegible]

Search completed: November 30, 2002, 13:01:06
Job time : 2282 secs